

393830119412112 Local number 085 N21 E20 36CAAC12 LYSIMETER 6 SHALLOW

Basin and Range basin-fill aquifers

Undefined Aquifer

Washoe County, NV

LOCATION.--Lat 39°38'30.4", long 119°41'20.5" referenced to North American Datum of 1983, in NE ¼ NE ¼ SW ¼ sec.36, T.21 N., R.20 E., Washoe County, Hydrologic Unit 16050201.

WATER-QUALITY RECORDS

COOPERATION.--Washoe County Department of Water Resources

REMARKS.--Depth of lysimeter is 3 ft below land surface datum. Ground water quality data in this table were collected determine an estimate of the amount of nitrogen entering the ground water from septic tank systems in the valley by collection of water quality data from lysimeters and ground water wells near septic systems.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 1 of 2

[Remark codes: <, less than; E, estimated.]

| Date | Time | Sample type | Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095) | Chlor- ide, water, fltrd, mg/L (00940) | Ammonia water, fltrd, mg/L as N (00608) | Nitrite + nitrate water fltrd, mg/L as N (00631) | Nitrite water, fltrd, mg/L as N (00613) | Total nitro- gen, wat flt by anal ysis, mg/L (62854) |
|--------------|------|--------------------|--|---|--|---|--|---|
| Oct | | | | | | | | |
| 05... | 1200 | Interstitial water | 2,740 | 311 | .19 | 157 | E.005 | 166 |
| Nov | | | | | | | | |
| 02... | 1516 | Interstitial water | 1,360 | 51.0 | E.04 | 49.3 | <.008 | 49.7 |
| Dec | | | | | | | | |
| 07... | 1233 | Interstitial water | 3,670 | 543 | .37 | 154 | .034 | 220 |
| Mar | | | | | | | | |
| 01... | 1031 | Interstitial water | 4,260 | 307 | 92.9 | 104 | 1.25 | 240 |
| Apr | | | | | | | | |
| 05... | 1133 | Interstitial water | -- | 323 | 15.9 | 637 | <.008 | 704 |
| May | | | | | | | | |
| 04... | 1128 | Interstitial water | 5,690 | 337 | .47 | 838 | 29.3 | 837 |
| Jun | | | | | | | | |
| 01... | 1146 | Interstitial water | 6,920 | 364 | .35 | 782 | .559 | 807 |
| Jul | | | | | | | | |
| 06... | 1052 | Interstitial water | 6,590 | 398 | .25 | 702 | .037 | 732 |
| Aug | | | | | | | | |
| 02... | 1113 | Interstitial water | 4,880 | 334 | .54 | 389 | .051 | 475 |
| Sep | | | | | | | | |
| 07... | 1040 | Interstitial water | 4,440 | 327 | .26 | 399 | .031 | 457 |

393830119412112 Local number 085 N21 E20 36CAAC12 LYSIMETER 6 SHALLOW—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 2 of 2

[Remark codes: <, less than; E, estimated.]

| Date | Time | Sample type | Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095) | Chlor- ide, water, fltrd, mg/L (00940) | Ammonia water, fltrd, mg/L as N (00608) | Nitrite + nitrate water fltrd, mg/L as N (00631) | Nitrite water, fltrd, mg/L as N (00613) | Total nitro- gen, wat flt by anal ysis, mg/L (62854) |
|--------------|------|--------------------|--|---|--|---|--|---|
| Oct | | | | | | | | |
| 04... | 1110 | Interstitial water | 5,370 | 329 | .21 | 435 | .018 | 458 |
| Nov | | | | | | | | |
| 01... | 1137 | Interstitial water | 4,150 | 337 | .18 | 424 | .022 | 453 |
| 29... | 1108 | Interstitial water | 4,850 | 334 | .13 | 360 | .016 | 364 |
| Dec | | | | | | | | |
| 21... | 1205 | Interstitial water | -- | 110 | .52 | 82.5 | .023 | 85.1 |